

Gulf Cooperation Council

EDICT OF GOVERNMENT

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GSO SALT (2011) (English): Low sodium iodized food salt



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هيئة التقييس لدول مجلس التعاون لدول الخليج العربية
GCC STANDARDIZATION ORGANIZATION (GSO)

FINAL DRAFT

GSO5/ FDS / 2011

ملح الطعام اليودي منخفض الصوديوم

Low sodium iodized food salt

Prepared by :

Gulf technical committee for standards of food and agriculture products

This document is a draft Gulf standard circulated for comments, it is therefore, subject to change, and may not be referred to it as a Gulf standard, until approved by the board of directors.

ICS: 67.220

FOREWARD

The Gulf Standardization Organization for GCC (GSO) is a regional organization which consists of the National Standards Bodies of GCC member States. One of GSO main functions is to issue Gulf Standards / Technical regulation through specialized technical committees (TCs).

GSO through the technical program of committee TC NO.5 "Gulf technical committee for standards of food and agriculture products " has prepared " Low sodium iodized food salt light" the draft standard has been prepared by the state of Qatar. The draft standard has been prepared based on relevant ADMO, International and national foreign standards and references.

This standard has been approved as Gulf technical without any technical modifications by GSO Board of Direction in its meeting No.../....held on
/ / / H, / / G

Low sodium iodized food salt

1. Scope :

This Gulf standard applied to refined iodized soft edible salt in the proportion of low-sodium prepared for human consumption.

2. Complementary references:

- 2.1 GSO (9) " Labelling of prepackaged foodstuffs. "
- 2.2 GSO (20) "Methods for the determination of contaminating metallic elements in foodstuff."
- 2.3 GSO (21) " Hygienic regulations for food plants and their personal."
- 2.4 GSO (150) " Expiration periods at food products ".
- 2.5 GSO (168) " Requirements of storage facilities for dry and canned foodstuffs".
- 2.6 GSO(356) "preservatives permitted for use in food products."
- 2.7 GSO (839) " Food packages – Part 1 : General requirements ".
- 2.8 GSO (1843) " Food Grade Salt."
- 2.9 GSO (1296) " Method of test for edible salt"
- 2.10 System 1979 - ECSS / SC 183 " Determination of potassium content by sodium tetraphenylborate volumetric method " .
- 2.11 GSO / CAC 192 "General Standard for Food Additives".

3. Definitions:

Iodized salt low sodium:

Refined fine and iodized table salt which was reduced the ratio of sodium chloride by adding potassium chloride.

4. Requirements:

The following requirements shall be met the following:

- 4.1 The product shall be confirm to the standard mentioned in the Gulf standards given in (2.3).
- 4.2 The used salt must be result from deposited of rock salt or steaming evaporation water or vacuum evaporation, and not result from remnants of an industrial chemical.

4.3 The product shall be white crystals, odorless, salt taste and feel dry and free of bitterness and easy flow.

4.4 The salt shall be pure and finely.

4.5 The product shall be free from signs of damage, and foreign smells.

4.6 At least 95% by weight of the product pass through a sieve which the measure of its hole has No. 28 and the maximum width of its hole is 1 mm.

4.7 The potassium chloride used shall be of food grade.

4.8 The preservatives materials should be shall be of food grade quality and conform to the Gulf standard mentioned in item (2.6).

4.9 The additive materials should be shall be of food grade quality and conform to the Gulf standard mentioned in item (2.11).

4.10 Sodium chloride content shall not exceed 48.5% by weight.

4.11 Potassium chloride content shall not be less than 48.5% by weight.

4.12 The moisture shall not exceed 0.3% by weight.

4.13 The proportion of dibasic potassium of the product shall be between (30 and 70) ppm.

4.14 Allows the use of anti-caking by no more than 1%.

4.15 The proportion of impurities and additives shall not exceed 3% by weight.

4.16 Heavy metals shall not exceed the proportion ppm of :

Arsenic 0.5 calculated as Arsenic.

Copper 2 calculated as Copper.

Lead 1 calculated as Lead.

Cadmium 0.5 calculated as Cadmium.

Mercury 0.5 calculated as Mercury.

Iron 10 calculated as iron.

5. Sampling:

Samples are taken according to Gulf standard mentioned in item (2.8).

6. Methods of test and examination:

Tests and examination shall be carried out on the representative sample taken according to item (5) to determine its comply with Gulf standards mentioned in items (2.2), (2.9) and (2.10).

7. Packaging, transportation and storage:

7.1 Packaging:

The package shall be met the following :

7.1.1 The packaging shall be according to the Gulf standard mentioned in item (2.7).

7.1.2 The product shall be packed in suitable containers, clean, dry, tightly closed to protect it from contamination.

7.1.3 The packages shall be made of material impermeable to moisture such as healthy plastics industrial or cardboard lining with parvin.

7.1.4 The packages shall be made of material which does not affect the properties of salt and do not interact with it.

7.2 Transport:

Transportation means shall be clean, dry and not used before in transportation any poisoning or harmful materials

7.3 Storage:

That product shall be stored according to Gulf standard mentioned in item (2.5).

8. Labelling :

Without prejudice to what is stated in the Gulf standard mentioned in item (2.1) the following information shall be labelled on the packages of salt :

- 8.1 Product Name in Arabic and trademark and the name of the plant.
- 8.2 Net weight of the packaging.
- 8.3 Statement of the salt-added materials in descending order when used together with the percentage of iodine added.
- 8.4 A clear manner indicates to iodine fortification.
- 8.5 The type (class) and the source of packaged salt extracted.
- 8.6 The production date (month – year).

Main references

المراجع التكميلية

Egyptian standards

المواصفة القياسية المصرية

No. 2735 / 2006

رقم 2006 / 2735

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